



**Vermont Department of Environmental Conservation**

Watershed Management Division

Barre Regional Office

5 Perry Street, Suite 80

Barre, VT 05641

www.watershedmanagement.vt.gov

Agency of Natural Resources

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[fax] 802-476-0131

[cell] 802-279-1143

**AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES**

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: **SA-03-103-2015**

Applicant Name: TOWN OF HOLLAND 90 BARD WIESEN

Mailing Address: 120 SCHOOL RD. HOLLAND VT 05830 Phone: -

Project Location STEARNS BROOK ROAD BR 31 Email: HESC@haldenengineering.com  
b.wiesene@fairpoint.net

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes the replacement of an open bottom pipe arch with a new 23' precast open bottom bridge structure.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
  - a) The project will be completed and approved as shown on the plan dated 11-25-14, prepared by HALDEN ENGINEERING INC. and approved by the Vermont Agency of Natural Resources.
  - b) The project will not adversely affect the public safety by increasing flood hazards.
  - c) The project will not significantly damage fish life or wildlife.
  - d) The project will not significantly damage the rights of riparian owners.
  - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
  - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
  - g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
  - h) A final construction inspection is required for all culvert and bridge projects.
  - i) In-stream working dates are from June 1<sup>st</sup> through October 1<sup>st</sup>; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
  - j) This authorization has been posted for three days public comment. This authorization constitutes final approval.
  - k) Additional Conditions for this project: Preconstruction meeting required with the selected contractor. PM

If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

David K. Mears, Commissioner

Department of Environmental Conservation

by: Patrick J. Ross, P.E. dated: 1-22-2015  
Patrick Ross, P.E., River Management Engineer

# TOWN OF HOLLAND, VERMONT PROPOSED CULVERT REPLACEMENT PROJECT

APPROVAL  
WATERSHED MANAGEMENT DIVISION

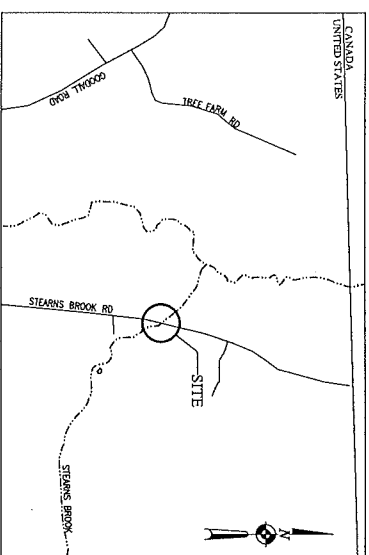
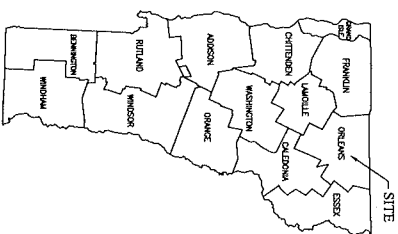
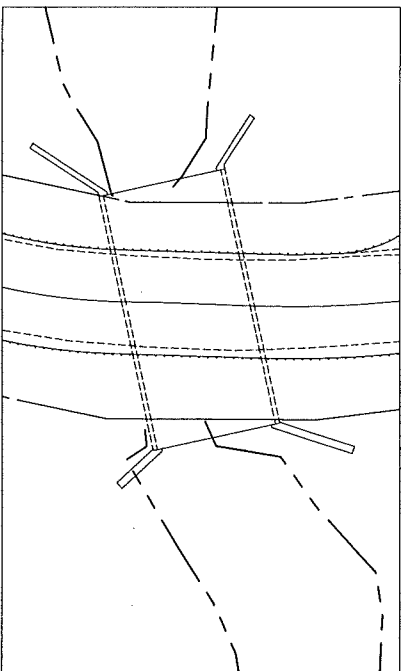
TOWN OF HOLLAND  
COUNTY OF ORLEANS  
STATE OF VERMONT

ROUTE #: TH 8 (STEARNS BROOK ROAD) BRIDGE#:31

DATE 1-22-2015  
BY John P. E.  
THIS APPROVAL IS SUBJECT TO THE TERMS  
AND CONDITIONS OF STREAM ALTERATION  
PERMIT # SA-C3-103-26 ISSUED HEREWITH

## SHEET LIST

- | NO. | DESCRIPTION                               |
|-----|---|
| 1.  | COVER SHEET                               |
| 2.  | EXISTING CONDITIONS PLAN                  |
| 3.  | PROPOSED ROADWAY PLAN                     |
| 4.  | PROPOSED ROADWAY PROFILE                  |
| 5.  | TYPICAL SECTIONS & BRIDGE ELEVATION VIEWS |
| 6.  | DETAILS: FOOTINGS, ABUTMENTS & WINGWALLS  |
| 7.  | ROADWAY CROSS SECTIONS                    |
| 8.  | ROADWAY CROSS SECTIONS                    |
| 9.  | ROADWAY CROSS SECTIONS                    |
| 10. | EROSION CONTROL DETAILS                   |
| 11. | DELINEATOR AND MILEPOST DETAILS           |
| 12. | GUARDRAIL DETAILS                         |
| 13. | GUARDRAIL DETAILS                         |



**HOLDEN** TRANSPORTATION  
ENGINEERING

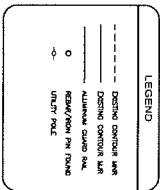
1500  
(802) 254-4400  
1500  
(802) 254-4400

COVER SHEET  
STEARNS BROOK ROAD BRIDGE DESIGN  
HOLLAND, VT

DATE: 1-22-2015  
REVISION: 1  
BY: JPE  
CHECKED: JPE  
APPROVED: JPE  
SCALE: AS SHOWN  
SHEET NO. 1 OF 13

DATE: 1-22-2015  
BY: JPE  
CHECKED: JPE  
APPROVED: JPE  
SCALE: AS SHOWN  
SHEET NO. 1 OF 13

June 1 - Oct 1  
Construction

[illegible]



PROPOSED ROADWAY PROFILE  
STEARNS BROOK ROAD BRIDGE DESIGN  
HOLLAND VT

☐ 56 Oak Summit Road - Unit #4  
PO Box 490 Concord, N.H. 03301  
(603) 225-6449

[illegible]

Date: 11-25-14  
Scale: H=20" V=2"  
Dr. By: RL Ck. By: DJ  
Job No. 1470079

